

# PRODUCT CONTROL NOTICE OF ACCEPTANCE

**Premdor Entry Systems** 911 E. Jeferson, P.O. Box 76 Pittsburgh ,KS 66762

### BUILDING CODE COMPLIANCE OFFICE

METRO-DADE FLAGLER BUILDING 140 WEST FLAGLER STREET, SUITE 1603 MIAMI, FLORIDA 33130-1563 (305) 375-2901 FAX (305) 375-2908

## CONTRACTOR LICENSING SECTION

(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION (305) 375-2966 FAX (305) 375-2908

> PRODUCT CONTROL DIVISION (305) 375-2902 FAX (305) 372-6339

Your application for Notice of Acceptance (NOA) of:

Series Evergreen/Castlegate 6-8 W/E Inswing Opaque Residential Insulated Steel door w/H. M. Frame

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

**ACCEPTANCE NO.: 01-0313.05 EXPIRES: 02/04/2006** 

Raul Rodriguez

**Chief Product Control Division** 

# THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL **CONDITIONS BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.

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Director

Miami-Dade County

**Building Code Compliance Office** 

APPROVED: 04/19/2001

ACCEPTANCE NO.:

01-0313.05

APPROVED

APR 1 9 2001

**EXPIRES** 

: <u>February 04,2006</u>

## **NOTICE OF ACCEPTANCE:**

## **SPECIFIC CONDITIONS**

### 1. DESCRIPTION OF UNIT

1.1 This renews the Notice of Acceptance No. 97-0910.10 which was issued on February 04, 1998. It approves a residential insulated steel door, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

## 2. PRODUCT DESCRIPTION

2.1 The Series Evergreen/Castlegate 6' 8" W/E Inswing Opaque Residential Insulated Steel Door in a Hollow Metal Frame-Impact and its components shall be constructed in strict compliance with the following documents: Drawing No 31-1032-EC-I, Sheets 1 through 5 of 5, titled "Premdor (Evergreen/Castlegate Wood Edge) 3'0" x 6'8" Steel Door in a Hollow Metal Frame (Inswing)" dated 6/25/97 with revision C dated 3/20/01, bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

### 3. LIMITATIONS

- **3.1** This approval applies to single unit applications of single door only, as shown in approved drawings.
- 3.2 Unit shall be installed only at locations protected by a canopy or overhang such that the angle between the edge of canopy or overhang to sill is less than 45 degrees. Unless unit is installed in non-habitable areas where the unit and the area are designed to accept water infiltration.

## 4. INSTALLATION

- **4.1** The residential insulated steel door and its components shall be installed in strict compliance with the approved drawings.
- 4.2 Hurricane protection system (shutters): the installation of this unit <u>will not require</u> a hurricane protection system.

### 5. LABELING

5.1 Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved".

## 6. BUILDING PERMIT REQUIREMENTS

- **6.1** Application for building permit shall be accompanied by copies of the following:
  - **6.1.1** This Notice of Acceptance
  - 6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
  - 6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

Manuel Perez, P.E. Product Control Examiner

ACCEPTANCE NO.: 01-0313.05

APPROVED

**EXPIRES** 

: February 04,2006

#### **NOTICE OF ACCEPTANCE:** STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.

- 2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
- 3. Renewals of Acceptance will not be considered if:
  - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes:
  - b) The product is no longer the same product (identical) as the one originally approved;
  - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product:
  - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
- 4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
- 5. Any of the following shall also be grounds for removal of this Acceptance:
  - a) Unsatisfactory performance of this product or process.
  - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
- 6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
- 7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
- 8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
- 9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

END OF THIS ACCEPTANCE

Manuel Perez, P.E. Product Control Examiner

ACCEPTANCE NO.:

01-0313.05

APPROVED

APR 1 9 2001

**EXPIRES** 

: <u>February 04,2006</u>

# **NOTICE OF ACCEPTANCE:** STANDARD CONDITIONS

### A. DRAWINGS

1. Manufacturer's die drawings and sections.

2. Drawing No. **31-1032-EC-I**, Sheets 1 thru 5 of 5, titled "Premdor (Evergreen/Castlegate Wood Edge) 3'8" x 6'8" Steel Door in a Hollow Metal Frame (Inswing)" dated 6/25/97 with revision B dated 12/23/00.

### B. TESTS

1. Test reports on 1) Air Infiltration Test, per PA 202-94

- 2) Uniform Static Air Pressure Test, Loading per PA 202-94
- 3) Water Resistance Test, per PA 202-94
- 4) Large Missile Impact Test per SFBC, PA 201-94
- 5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
- 6) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94

along with marked-up drawings and installation diagram of a out-swinging residential insulated steel doors in a Hollow Metal Frame, prepared by National Certified Testing Laboratories, Inc., Test Report No. NCTL 210-1915-10,11,12 (S) (C) (I) (F), dated 05/01/97,tested on March 10, 1997 signed and sealed by Barry D. Portnoy, P.E.

### C. CALCULATIONS

1. Anchor calculations and structural analysis, prepared by Product & Application Engineering, Inc., Project No. 97-0508, Report No. 12, dated February 19, 1997, signed and sealed by Ronald R. Rainey, P.E.

## D. MATERIAL CERTIFICATIONS

- 1. Tensile Test prepared by Celotex Corporation, MTS Job. No. 258163 dated June 16, 1997, for sheet steel samples, tested per ASTM E8-93a, signed and sealed by R.G. Miller, P.E.
- 2. Report titled "Small Scale Fire and Hose Stream Tests on 20 Min. (BASF Elastopor) Foam-Core Door" prepared by Underwriters Laboratories, Inc., File No. R18466, tested per ASTM E-152, dated July 3, 1997, signed by Dick Walther and reviewed by Howard Gruszynski

### E. STATEMENTS

1. None

### F. OTHER

1. Notice of Acceptance No. **97-0910.10**, issued to Premdor Entry Systems for their Premdor (Evergreen/Castlegate Wood Edge) Inswing Residential Insulated Steel Door in a Hollow Metal Frame, approved on 02/04/98, expiring on 02/04/01.

Manuel Perez, P.E. Product Control Examiner

ACCEPTANCE NO.: 01-0313.05

APPROVED

: \_ APR 1 9 2001

EXPIRES : February 04,2006

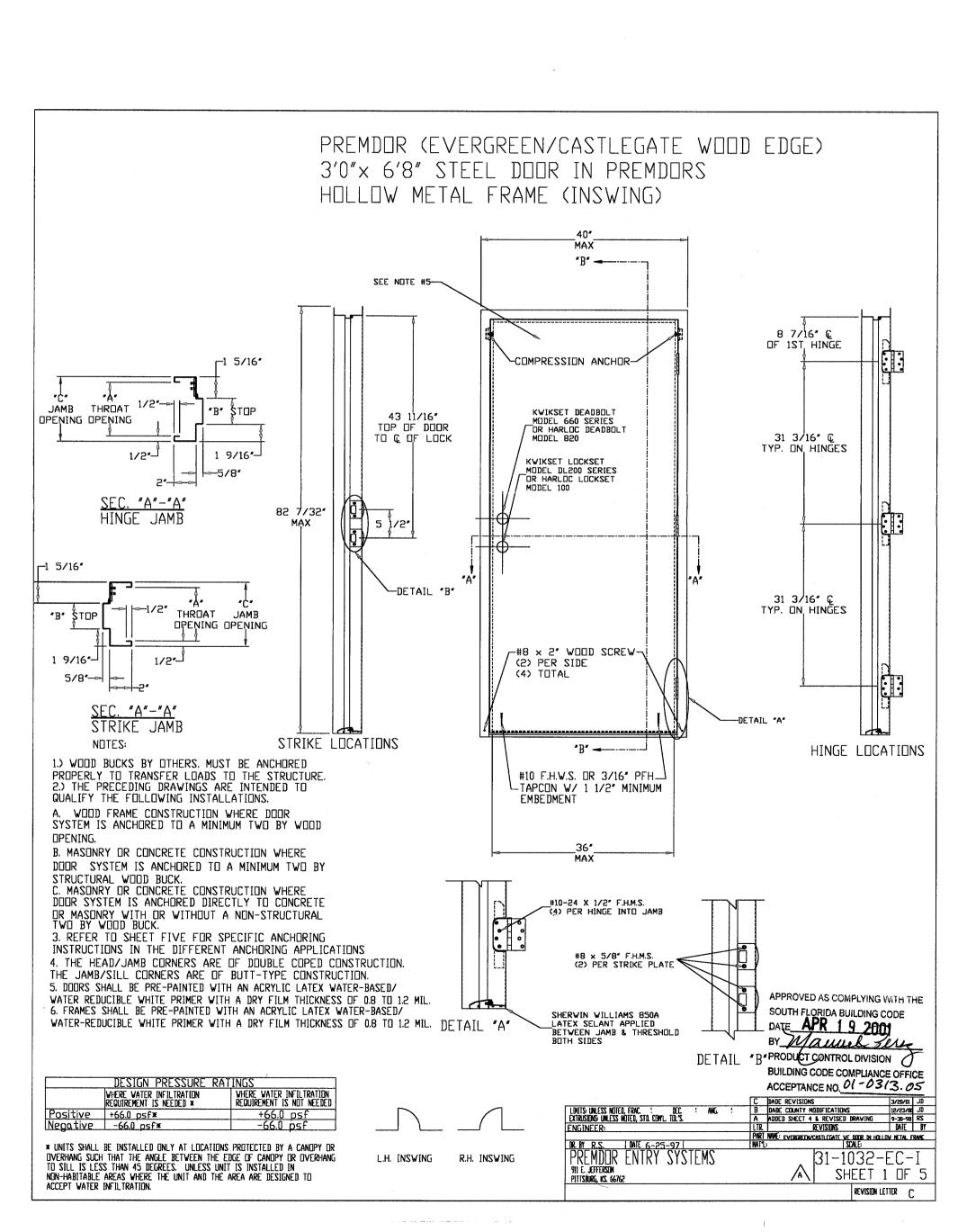
NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

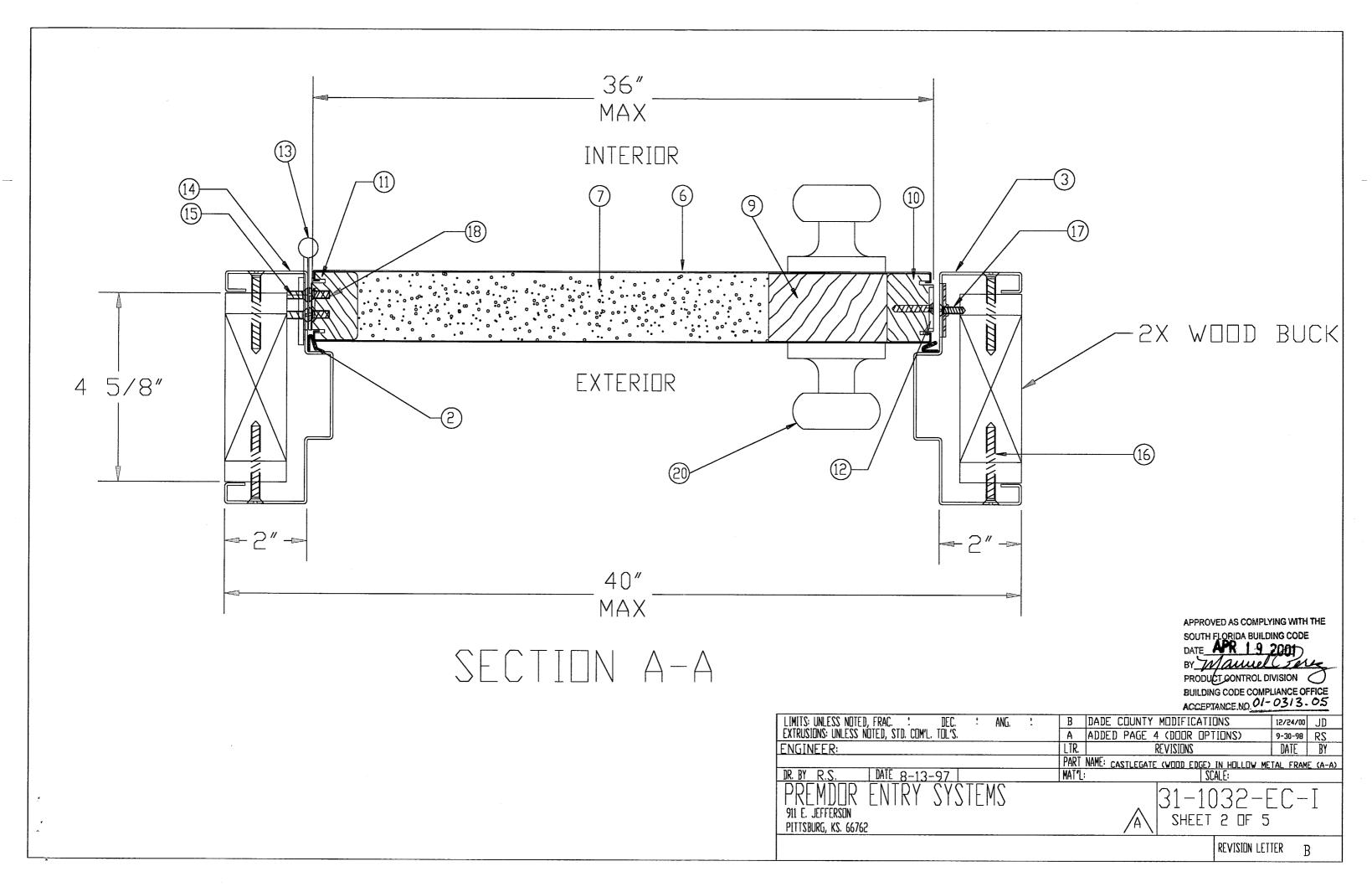
# **TESTSPERFORMED:**

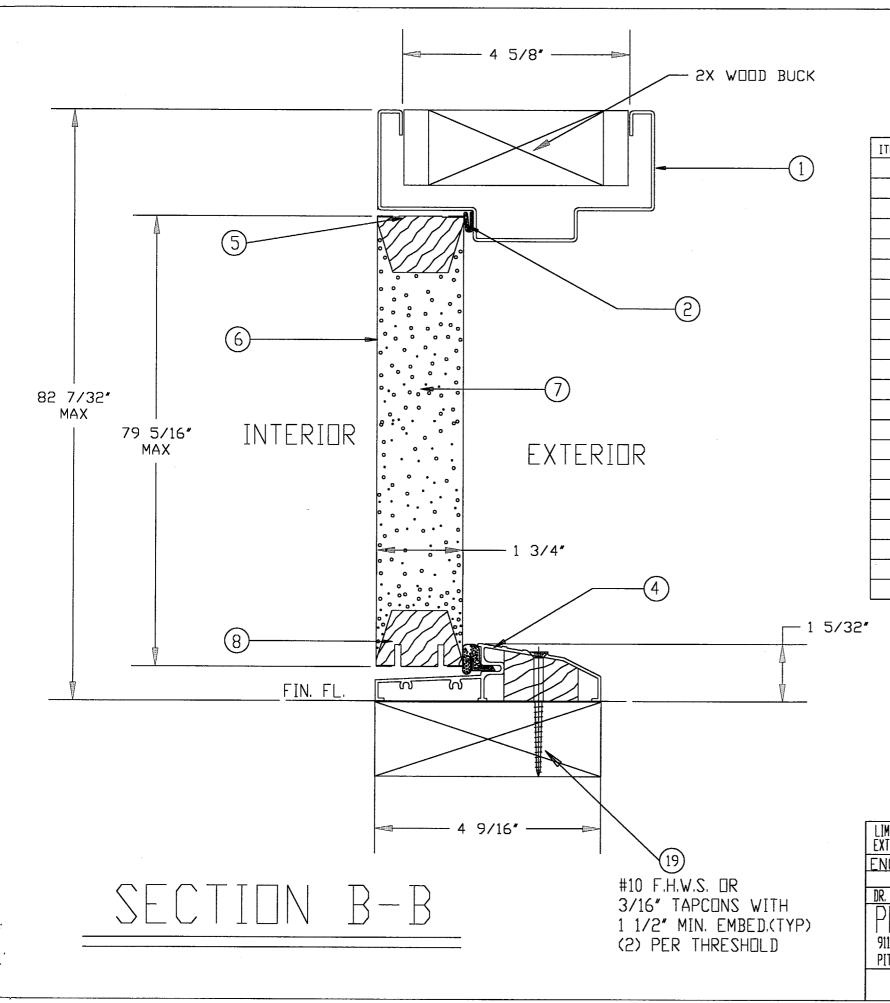
# **RESULTS:**

TEST	TEST LOADS	DESIGN LOADS
AIR INFILTRATION @ 1.57 PSF	0.13 CFM/FT <sup>2</sup>	
SFBC PA 202-94 (0.50 CFM/FT <sup>2</sup> )	***************************************	
UNIFORM STATIC PRESSURE @ DESIGN LOAD	+66.0 PSF	+66.0 PSF
SFBC PA 202-94 POSITIVE		
UNIFORM STATIC PRESSURE @ DESIGN LOAD	-66.0 PSF	-66.0 PSF
SFBC PA 202-94 NEGATIVE		
WATER RESISTANCE (PSF)	+2.86 PSF	+19.1 PSF
SFBC PA 202-94		·
UNIFORM STATIC AIR PRESSURE @ FULL TEST LOAD	+100.5 PSF	+67.0 PSF
SFBC PA 202-94 POSITIVE		
UNIFORM STATIC AIR PRESSURE @ FULL TEST LOAD	-100.5 PSF	-67.0 PSF
SFBC PA 202-94 NEGATIVE		
FORCED-ENTRY RESISTANCE (FER)	SATISFACTORY	
SFBC Section 3603.02 and SFBC PA 202-94	0.7.7.10	
LARGE MISSILE IMPACT TEST	SATISFACTORY	
SFBC PA 201-94		
CYCLIC WIND PRESSURE TEST	+85.8 PSF	+66.0 PSF
SFBC PA 203-94 POSITIVE (671 cycles)		
CYCLIC WIND PRESSURE TEST	-85.8 PSF	-66.0 PSF
SFBC PA 203-94 NEGATIVE (671 cycles)		
Design Pressure Rating (Positive)		+66.0 PSF
Design Pressure Rating (Negative)		-66.0 PSF

Manuel Perez, P.E. Product Control Examiner







MATERIALS LIST

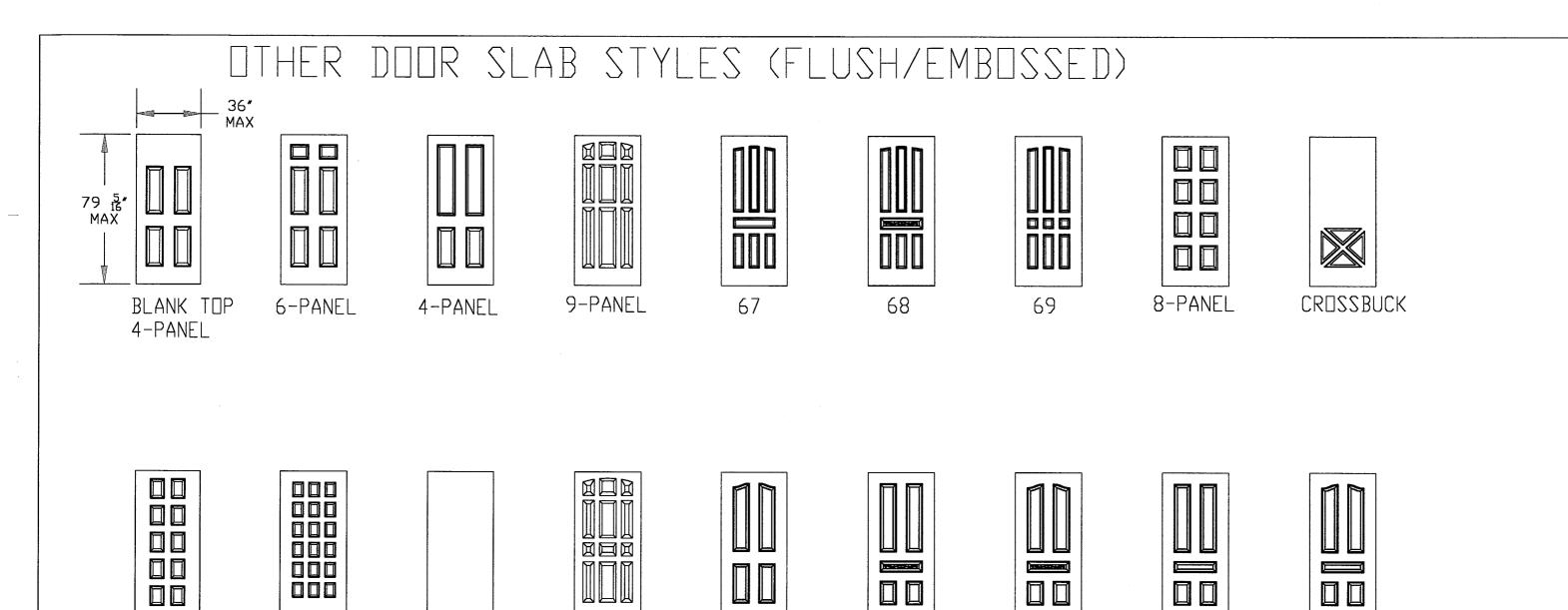
ITEM NO.	DESCRIPTION	PART NUMBER	COMMENTS
1	HEAD JAMB	EC-11	PREMDOR BRAND HOLLOW METAL FRAME - 4 5/8" 18 GA. STEEL
2	COMPRESSION WEATHERSTRIP	EC-15	LOXSCREEN BRAND QDS-375 (BRONZE) WEATHERSTRIP
3	STRKE JAMB	EC-13	PREMDOR BRAND HOLLOW METAL FRAME - 4 5/8" 18 GA. STEEL
4	ALUMINUM-BUMPER THRESHOLD	EC-14	PREMDOR BRAND OR EQUIVALENT - 1 5/32" x 4 9/16"
5	WOOD-TOP RAIL	EC-06	1 1/8" X 1 21/32" MTL. TO BE PINE OR EQUIVALENT
6	STEEL SKIN	26 ga. (.017 +.004	000) MIN. YIELD STRENGTH 40,000 PS; Min. Thickness per tensile test report is .021"
7	POLYURETHANE FOAM CORE	BASF FOAM -	DENSITY 2.0 TO 2.5 lbs./ft³
8	WOOD-BOTTOM RAIL	EC-05	1 1/8" X 1 21/32" MTL. TO BE PINE OR EQUIVALENT
9	WOOD LOCK BLOCK	EC-07	11/16" x 1 21/32" x 11 7/8" MTL. TO BE PINE OR EQUIVALENT.
10	WOOD STRIKE STILE	EC-08	1 1/8" X 1 11/16" MTL. TO BE PINE OR EQUIVALENT.
11)	WOOD HINGE STILE	EC-09	1 1/8" X 1 11/16" MTL. TO BE PINE OR EQUIVALENT.
<u></u> (2)	LOCK FILLER PLATE	EC-16	PREMDOR BRAND050" THICK- MTL. TO BE POLYETHYLENE
(13)	4"x4" HINGE	EC-10	HAGER BRAND HINGE OR EQUIVALENT097 THICK (STEEL)
14)	HINGE JAMB	EC-12	PREMDOR BRAND HOLLOW METAL FRAME - 4 5/8' 18 GA. STEEL
(15)	#10-24 x 1/2" F.H.M.S.		(4) SCREWS PER HINGE INTO JAMB
16	#8 × 2" F.H.W.S.		(2) SCREWS PER FRAME SIDE - 1 ON EXTERIOR & 1 ON INTERIOR
17	#8 × 5/8" F.H.M.S.		(2) AT EACH STRIKE PLATE
18	#10 × 3/4" F.H.W.S.		(4) SCREWS PER HINGE INTO DOOR
19	#10 F.H.W.S. W/MINIMUM 1 1/2' EMBEDMENT OR 3/16' PFH TAPCONS W/MINIMUM 1 1/2' EMBEDMENT		(2) INTO THRESHOLD
ම	LOCKSET		KWIKSET BRAND 200 LOCK OR HARLOC BRAND 100 LOCK
-			

APPROVED AS COMPLYING WITH THE

BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. 01 - 0313.05

LIMITS: UNLESS NOTED, FRAC. : DEC. : ANG. :	B DADE COUNTY MODIFICATIONS 12/27/00 JD
EXTRUSIONS: UNLESS NOTED, STD. COM'L. TOL'S.	A ADDED PAGE 4 (DOOR OPTIONS) 9-30-98 RS
ENGINEER:	LTR. REVISIONS DATE BY
	PART NAME: CASTLEGATE (WOOD EDGE) IN HOLLOW METAL FRAME (B-B)
DR. BY R.S. DATE 8-13-97	MAT'L: SCALE:
PREMDOR ENTRY SYSTEMS	31-1032-EC-I
911 E. JEFFERSON Pittsburg, Ks. 66762	A SHEET 3 OF 5

REVISION LETTER B



4-PANEL

EYEBROW

10-PANEL

18-PANEL

FLUSH

12-PANEL

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE DATE APR 19 2001

BY Manuel The

PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0313.65

LIMITS: UNLESS NOTED, FRAC. : DEC. : ANG. : EXTRUSIONS: UNLESS NOTED, STD. COM'L. TOL'S.	
ENGINEER:	LTR. REVISIONS DATE BY
	PART NAME: CASTLEGATE WOOD EDGE DOOR
DR. BY J.D.   DATE 12/18/00	MAT"L: SCALE:
PREMDOR ENTRY SYSTEMS 31-1032-EC-I	
911 E. JEFFERSON PITTSBURG, KS. 66762	SHEET 4 DF 5
	REVISION LETTER

5-PANEL

EYEBROW

5-PANEL

5-PANEL

EYEBROW

W/SCROLL

5-PANEL

W/SCROLL

